

PATENT COOPERATION TREATY

To:

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PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing (day/month/year) 12 April 2006 (12.04.2006)

Applicant's or agent's file reference
PALGE04057

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/KR 2004/002379

International filing date (day/month/year)
16 September 2004 (16.09.2004)

Priority Date (day/month/year)
23 October 2003 (23.10.2003)

International Patent Classification (IPC) or both national classification and IPC
F24F 1/02 (2006.01)

Applicant

LG ELECTRONICS INC.

1. This opinion contains indications relating to the following items:

- ☒ Cont. No. I Basis of the opinion
- ☐ Cont. No. II Priority
- ☐ Cont. No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Cont. No. IV Lack of unity of invention
- ☒ Cont. No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Cont. No. VI Certain documents cited
- ☐ Cont. No. VII Certain defects in the international application
- ☐ Cont. No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

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Continuation No. I

Basis of the opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 15-19	YES
	Claims 1-14	NO
Inventive step (IS)	Claims —	YES
	Claims 1-19	NO
Industrial applicability (IA)	Claims 1-19	YES
	Claims ---	NO

2. Citations and explanations:

The following documents have been cited in the Search Report:

- D1: US 3 366 169 A (LAING); 30-01-1968
D2: DE 16 04 243 A (LAING); 10-12-1970
D3: DE 16 04 240 A (LAING); 03-09-1970
D4: JP 08-285321 A (MATSUSHITA ELECTRIC); 01-11-1996
D5: JP 06-002888 A (SANYO); 11-01-1994

The present invention does not satisfy the criterion set forth in Article 33 (2) PCT because the subject-matter of Claims 1 - 14 is not new in respect of the prior art as defined in the regulations (Rule 64 (1) PCT).

Documents D1 to D3 disclose a window type air conditioner disclosing an indoor cross fan and an outdoor cross fan. Said documents further disclose a first and a second outdoor heat exchanger and a stabiliser.

The present invention does not satisfy the criterion set forth in Article 33 (3) PCT because the subject-matter of Claims 15 - 19 does not involve an inventive step in respect of the prior art as defined in the regulations (Rule 64 (1) PCT).

Document D1 which is considered to represent the most relevant state of the art, discloses an indoor cross fan and an outdoor cross fan from which the subject-matter of claim 15 differs only in that the indoor fan is a centrifugal fan.

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However, these features have already been employed for the same purpose in a similar window type air conditioner, see document D4, figures 5 and 6. It appears to be obvious to the man skilled in the art, especially when the same result is to be achieved, to apply these features with corresponding effect to a window type air conditioner according to document D1.

In conclusion, claims 1 to 14 can not be considered to be new and involving an inventive step. Claims 15 to 19 can be considered new however not involving an inventive step. The industrial applicability is given.
